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ARMY SAFETY REPORT

FY 86

Volume II
INFANTRY BRANCH BATTALIONS



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PREFACE

Two Volumes. This report is the second of two volumes. Volume I is under separate cover and provides an overview of FY 86 Army-wide accident experience. It concentrates on the major types of accidents, problem areas, cause factors, and countermeasures.

Purpose. This branch report is one of seven under separate covers. These reports present the FY 86 accident experience of active Army battalions in the following branches: Aviation, Field Artillery, Infantry, Signal, Armor, Air Defense Artillery, and Transportation. It is intended that Branch Chiefs/School Commandants use this information to produce soldiers who are more aware of and prepared for accident-causing problems they will encounter after joining their units. This information will also permit field commanders to share the accident experience of other commanders having similar missions, personnel, and equipment. It is hoped that commanders will implement corrective actions before resources are lost to accidents from the same causes.

Data Notes. In the future, branch reports will be expanded to include Army National Guard and Reserve battalions, more branches, and more information specifically tailored to the accident prevention needs of each branch.

The FY 86 data included are based on reports of ground (DA Form 285) and aviation (DA Form 2397) accidents occurring during FY 86 and recorded in the Army Safety Management Information System (ASMIS) as of 7 January 1987.

Within this report is a listing of active Army battalions identified with the branch. It is these battalions whose accident experience forms the data for this report. The applicable list of battalions was provided in November 1986 to representatives of each branch, except Aviation, for verification. No verified lists had been received as of 22 January 1987.

EXECUTIVE SUMMARY

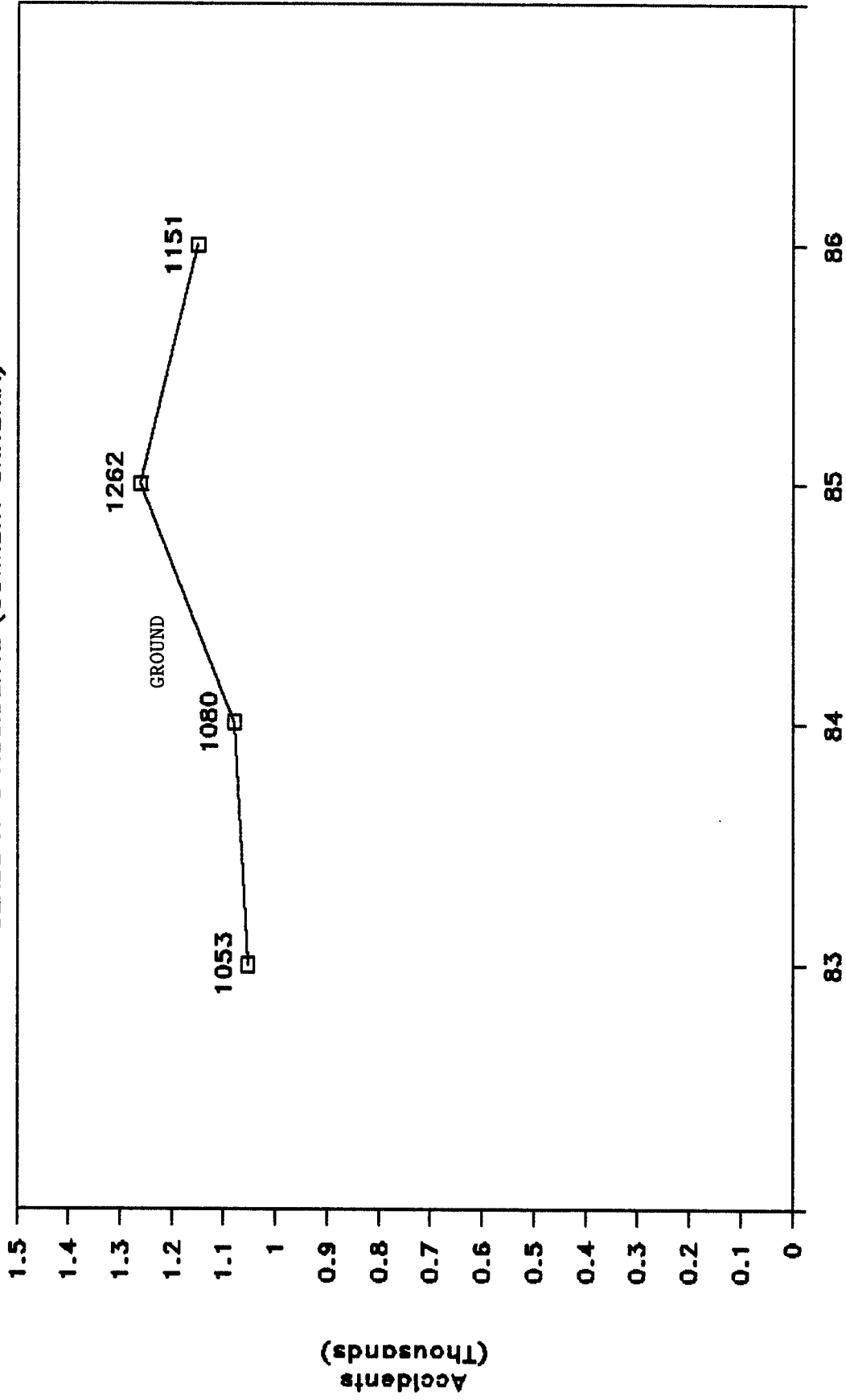
During the period FY 83 through FY 86, there was an increasing trend in Class A-C accidents in Infantry Branch Battalions. However, the total number of accidents decreased by 111 from FY 85 to FY 86. Personnel injury accidents and privately owned vehicle accidents accounted for nearly all (80%) of the FY 86 accidents. On-duty personnel injuries occurred primarily during combat soldiering activities and sports activities, such as football or soccer. Off-duty personnel injuries occurred primarily during sports activities such as basketball and football. Privately owned vehicle accidents occurred primarily during operation of autos/sedans and motorcycles/mopeds.

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INFANTRY BRANCH BATTALIONS

CLASS A-C ACCIDENTS (CURRENT CRITERIA)



NOTE: No aviation accidents.

During the period FY 83 through FY 86 an increasing trend existed in Class A,B,C ground accidents in Infantry Branch Battalions. No aviation accidents were recorded.

INFANTRY BRANCH BATTALIONS
CLASS A-C ACCIDENTS (CURRENT CRITERIA)

TYPES OF ACCIDENTS	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
<u>Ground</u>								
Personnel Injury	677	64	681	63	780	62	685	60
Privately Owned Vehicles	170	16	176	17	234	19	229	20
Army Motor Vehicles	125	12	116	11	105	8	107	9
Army Combat Vehicles	46	5	67	6	93	7	86	7
Explosives	13	1	23	2	26	2	25	2
Fire	18	2	14	1	17	1	12	1
Other Army Vehicles	2	0	2	0	6	1	6	1
Other Property Damage	0	0	0	0	0	0	1	0
Marine	1	0	0	0	1	0	0	0
Chemical	1	0	0	0	0	0	0	0
Radiation	0	0	1	0	0	0	0	0
Total	1053	100	1080	100	1262	100	1151	100
<u>Aviation</u>								
Rotary Wing	0		0		0		0	
Fixed Wing	0		0		0		0	
Total	0		0		0		0	

Data as of 7 Jan 87.

Personnel injury, privately owned vehicle, and Army combat vehicle accidents are the major contributors to the overall increasing trend in Infantry branch battalion ground accidents, offsetting a decreasing trend in aviation accidents.

INFANTRY BRANCH BATTALIONS
ACTIVITIES OF ON-DUTY PERSONNEL INJURED IN
PERSONNEL INJURY TYPE ACCIDENTS

ACTIVITY OF ON-DUTY INJURED PERSON	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
Combat Soldiering	253	47	225	44	239	42	221	43
Sports	40	7	31	6	73	13	65	13
Physical Training	46	9	58	11	36	6	42	8
Maintenance/Repair/Serviceing	34	6	25	5	43	8	33	6
Weapons Handling	20	4	23	4	34	6	31	6
Human Locomotion	27	5	37	7	31	5	29	6
Material Handling	19	4	23	5	15	3	21	4
Passenger	18	3	27	5	22	4	21	4
Soldiering	36	7	12	2	22	4	9	2
Food/Drink Preparation	5	1	8	2	12	2	9	2
Personal Hygiene	5	1	6	1	6	1	8	2
Supervisory	5	1	5	1	7	1	6	1
Handling Vehicle/Vessel	9	2	10	2	8	1	4	1
Horseplay	3	0	3	1	4	1	4	1
Communications	5	1	0	0	1	0	3	1
Security/Law Enforcement	4	1	8	2	5	1	2	0
Operating Vehicle/Vessel	0	0	5	1	4	1	2	0
Fabricating	0	0	0	0	0	0	1	0
Janitorial/Housekeeping	7	1	2	0	2	0	1	0
Patient Care	0	0	1	0	0	0	0	0
Information and Arts	0	0	1	0	0	0	0	0
Hobbies	0	0	0	0	2	0	0	0
Bystanding/Spectating	3	0	3	1	3	1	0	0
Total	539	100	513	100	569	100	512	100

Data as of 7 Jan 87.

On-duty injuries in personnel injury accidents remained relatively stable over the four fiscal year period except for FY 85 which showed a higher than usual number. An increase in injuries during activities involving sports is the major cause of the FY 85 increase. This increase in sports injuries continued in FY 86 but was offset by decreases in injuries resulting from most other activities. As one would expect, combat soldiering is the major contributor to the high number of on-duty injuries in Infantry branch battalions.

INFANTRY BRANCH BATTALIONS
ACTIVITIES OF ON-DUTY PERSONNEL INJURED IN
PERSONNEL INJURY TYPE ACCIDENTS

ON-DUTY COMBAT SOLDIERING	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
Tactical Parachuting	154	61	123	55	94	39	108	49
Infiltrating/Assaulting	45	18	45	20	44	18	29	13
Patrolling/Reconnoitering	5	2	13	6	19	8	20	9
Tactical Rappeling	11	4	8	4	10	4	7	3
Map Reading/Navigation Course	0	0	0	0	3	1	6	3
Skiing/Snow Shoes	9	4	1	0	4	2	5	2
MOPP, NBC	0	0	2	1	2	1	4	2
Hand to Hand Combat	3	1	0	0	5	2	3	1
River Crossing	2	1	1	0	4	2	2	1
Camouflaging/Concealment	6	2	3	1	3	2	2	1
Slide for Life/Rope Bridge	3	1	1	0	0	0	2	1
Unspecified Combat Soldiering	15	6	28	13	51	21	33	15
Total	253	100	225	100	239	100	221	100

Data as of 7 Jan 87.

On-duty injuries during combat soldiering activities have decreased over the four year period. The major contributor to this decrease is fewer injuries resulting from tactical parachuting in the latter two years compared to the first two years.

INFANTRY BRANCH BATTALIONS
ACTIVITIES OF ON-DUTY PERSONNEL INJURED IN
PERSONNEL INJURY TYPE ACCIDENTS

ON-DUTY SPORTS	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
Tackle Football	7	17	3	10	19	26	16	24
Touch Football	6	15	11	36	14	19	13	20
Soccer	0	0	1	3	11	15	9	14
Basketball	13	32	4	14	9	13	8	12
Softball	1	3	3	10	8	11	4	6
Wrestling	1	3	0	0	1	1	3	4
Rugby	0	0	0	0	0	0	2	3
Swimming	2	5	1	3	0	0	2	3
Volleyball	0	0	0	0	2	3	1	2
Snow Skiing	4	10	1	3	1	1	1	2
Frisbee	0	0	1	3	0	0	1	2
Gymnastics/Weightlifting	0	0	0	0	0	0	1	2
Racquetball/Paddle Ball	1	3	0	0	0	0	0	0
Handball	0	0	1	3	0	0	0	0
Baseball	2	5	1	3	0	0	0	0
Boxing	0	0	0	0	2	3	0	0
Rodeoing	0	0	1	3	0	0	0	0
Diving	0	0	0	0	1	1	0	0
Equestrian	0	0	1	3	0	0	0	0
Mountain/Rock Climbing	0	0	1	3	0	0	0	0
Martial Arts	0	0	0	0	1	1	0	0
Unspecified Sports	3	7	1	3	4	6	4	6
Total	40	100	31	100	73	100	65	100

Data as of 7 Jan 87.

On-duty injuries during activities involving sports increased over the four fiscal year period. The major contributors to this increase were injuries resulting from tackle football, touch football, and soccer.

INFANTRY BRANCH BATTALIONS
ACTIVITIES OF ON-DUTY PERSONNEL INJURED IN
PERSONNEL INJURY TYPE ACCIDENTS

ON-DUTY PHYSICAL TRAINING	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
Confidence Course	6	13	10	17	6	17	15	36
Running/Jogging	11	24	12	21	13	36	12	29
Marches	3	7	1	2	5	13	10	23
Pushball	1	2	6	10	2	6	2	5
Combat Football	10	22	14	24	2	6	0	0
Combat Basketball	1	2	4	7	1	3	0	0
Calisthenics	0	0	1	2	1	3	0	0
Unspecified Physical Training	14	30	10	17	6	16	3	7
Total	46	100	58	100	36	100	42	100

Data as of 7 Jan 87.

Fewer on-duty injuries resulting from physical training activities were recorded in FY 85 and FY 86 than the previous two years. The major identifiable contributor to this decrease was combat football.

INFANTRY BRANCH BATTALIONS
ACTIVITIES OF ON-DUTY PERSONNEL INJURED
PERSONNEL INJURY TYPE ACCIDENTS

ON-DUTY MAINTENANCE/REPAIR/SERVICING	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
Maintenance/Repair	9	26	9	36	23	54	15	46
Installing/Removing Equipment	1	3	4	16	4	9	4	12
Tuning/Adjusting/Aligning	2	6	0	0	0	0	2	6
Inspecting	0	0	0	0	0	0	2	6
Woodworking	6	17	2	8	5	12	1	3
Cleaning	1	3	0	0	3	7	1	3
Preparing Surfaces/Material	1	3	2	8	1	2	0	0
Troubleshooting	1	3	2	8	1	2	0	0
Assembling/Disassembling	0	0	1	4	0	0	0	0
Cold Metal Work	1	3	0	0	0	0	0	0
Glass Working	1	3	0	0	0	0	0	0
Repairing Tires	1	3	0	0	0	0	0	0
Unspecified Maintenance/Repair	3	19	1	4	0	0	1	3
Inspecting & Servicing Expendables								
Inspecting	1	3	0	0	0	0	0	0
Batteries	1	3	0	0	0	0	0	0
Filters, Lubricants, etc.								
Replenishing	1	3	0	0	1	2	1	3
Fueling/Defueling	2	3	4	16	2	5	4	12
Changing/Inflating Tires	0	0	0	0	1	2	0	0
Changing/Charging Batteries	1	3	0	0	0	0	0	0
Filters, Lubricants, etc.								
Unspecified Maint/Repair/Servicing	2	6	0	0	2	5	5	6
Total	34	100	25	100	43	100	33	100

Data as of 7 Jan 87.

The number of on-duty injuries resulting during maintenance/repair/and servicing activities remained relatively stable over the four-year period. However, major increases were noted in the number of injuries occurring during the act of installing or removing equipment.

INFANTRY BRANCH BATTALIONS
ACTIVITIES OF OFF-DUTY PERSONNEL INJURED IN
PERSONNEL INJURY TYPE ACCIDENTS

ACTIVITY OF OFF-DUTY INJURED PERSON	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
Sports	40	29	83	47	104	49	71	40
Human Locomotion	38	28	46	26	64	30	59	33
Personal Hygiene	17	13	12	7	11	5	9	5
Material Handling	3	2	2	1	4	2	8	4
Horseplay	9	7	10	6	4	2	7	4
Maintenance/Repair/Serviceing	13	10	7	4	2	1	6	3
Weapons Handling	6	4	3	2	5	3	5	3
Bystanding/Spectating	1	1	2	1	2	1	3	2
Food/Drink Preparation	4	3	5	3	5	3	2	1
Education	0	0	0	0	0	0	1	1
Fabricating	0	0	1	0	0	0	1	1
Janitorial/Housekeeping	2	1	2	1	5	3	1	1
Hobbies	2	1	0	0	1	0	1	1
Passenger	0	0	3	2	2	1	1	1
Fire Department	0	0	0	0	1	0	0	0
Operating Vehicle/Vessel	0	0	0	0	1	0	0	0
Handling Vehicle/Vessel	1	1	1	0	1	0	0	0
Total	136	100	177	100	212	100	175	100

Data as of 7 Jan 87.

An increasing trend in off-duty injuries in personnel injury accidents occurred during the period of FY 83 through FY 85. The major cause of this increase was injuries that occurred during off-duty sports and during activities involving human locomotion.

INFANTRY BRANCH BATTALIONS
ACTIVITIES OF OFF-DUTY PERSONNEL INJURED IN
PERSONNEL INJURY TYPE ACCIDENTS

OFF-DUTY SPORTS	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
Basketball	4	10	16	20	20	19	17	24
Tackle Football	7	18	7	9	7	7	10	15
Softball	2	5	6	8	6	5	5	8
Snow Skiing	0	0	3	4	4	4	4	6
Jogging	1	2	3	4	4	4	4	6
Racquetball/Paddle Ball	0	0	2	2	1	1	3	4
Rugby	0	0	1	1	1	1	3	4
Wrestling	1	2	1	1	3	3	3	4
Swimming	0	0	1	1	6	5	3	4
Skating/Skate Boarding	2	5	2	2	2	2	3	4
Mountain/Rock Climbing	2	5	2	2	3	3	3	4
Touch Football	7	18	6	8	11	11	2	3
Soccer	0	0	3	4	6	5	1	1
Volleyball	0	0	1	1	1	1	1	1
Parachute Jumping	4	10	3	4	1	1	1	1
Targetshooting	0	0	1	1	0	0	1	1
Canoeing/Rafting	0	0	4	5	0	0	1	1
Fishing From Bank, Deck, Pier	0	0	0	0	0	0	1	1
Fishing While Wading	0	0	0	0	0	0	1	1
Baseball	0	0	2	2	2	2	0	0
Boxing	0	0	1	1	1	1	0	0
Rodeoing	1	2	0	0	1	1	0	0
Water Skiing	0	0	2	2	1	1	0	0
Diving	3	8	5	6	5	5	0	0
Scuba Diving	0	0	0	0	1	1	0	0
Power Boating	0	0	1	1	0	0	0	0
Hunting	3	8	0	0	1	1	0	0
Bowling	0	0	1	1	0	0	0	0
Golf	0	0	0	0	1	1	0	0
Skin Diving	0	0	0	0	1	1	0	0
Equestrian	0	0	1	1	1	1	0	0
Frisbee	0	0	2	2	0	0	0	0
Martial Arts	0	0	1	1	2	2	0	0
Gymnastics/Weightlifting	1	2	1	1	2	2	0	0
Surfing	0	0	1	1	0	0	0	0
Unspecified Sports	2	5	3	4	9	9	4	6
Total	40	100	83	100	104	100	71	100

Data as of 7 Jan 87.

Increases in off-duty injuries involving basketball during FY 84 and FY 85, canoeing/rafting in FY 84, swimming, touch football, and soccer in FY 85 were the major contributors to this increase.

INFANTRY BRANCH BATTALIONS
ACTIVITIES OF OFF-DUTY PERSONNEL INJURED IN
PERSONNEL INJURY TYPE ACCIDENTS

OFF-DUTY HUMAN LOCOMOTION	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
Walking	22	57	26	57	29	45	24	40
Running	8	21	8	17	13	20	8	14
Climbing/Mounting	3	8	6	13	5	8	8	14
Egressing/Ingressing	1	3	1	2	2	3	2	3
Jumping	3	8	3	7	4	6	1	2
Swimming	0	0	0	0	1	2	0	0
Unspecified Human Locomotion	1	3	2	4	10	16	16	27
Total	38	100	46	100	64	100	59	100

Data as of 7 Jan 87.

Off-duty injuries in personnel injury accidents involving human locomotion increased during the four-year period. The major identifiable activities of human locomotion contributing to this increase were walking, running, and climbing.

INFANTRY BRANCH BATTALIONS
CLASS A-C GROUND ACCIDENTS (CURRENT CRITERIA)
PRIVATELY OWNED VEHICLE ACCIDENTS

PRIMARY VEHICLE*	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
Auto/Sedan	78	46	74	42	101	43	105	46
Motorcycle/Moped	61	36	66	38	91	39	61	27
Truck	7	4	7	4	9	4	9	4
Bicycle	3	2	6	3	6	3	4	2
Trains	0	0	0	0	0	0	1	0
Truck Tractor	0	0	2	1	0	0	0	0
Van	0	0	1	1	2	1	0	0
Other POV	4	2	4	2	17	7	23	10
Unreported	17	10	16	9	8	3	26	11
Total	170	100	176	100	234	100	229	100

*In multiple vehicle accidents, the primary vehicle is the one most at fault, e.g., through driver error or materiel failure.

Data as of 7 Jan 87.

An increasing trend in privately owned vehicle accidents involving personnel of Infantry branch battalions was apparent during FY 83 through FY 86. Increases in accidents involving the auto/sedan, motorcycle/moped, and "other" privately owned vehicles were the major contributors.

INFANTRY BRANCH BATTALIONS
CLASS A-C GROUND ACCIDENTS (CURRENT CRITERIA)
ARMY MOTOR VEHICLE ACCIDENTS

PRIMARY VEHICLE*	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
<u>Tactical</u>								
1/4-Ton Trucks	47	38	45	39	37	35	39	35
5-Ton Trucks	13	10	15	13	17	16	17	15
2 1/2-Ton Trucks	19	15	14	12	21	20	13	12
HMMWV	0	0	0	0	0	0	5	5
M880/M890 Trucks	4	3	1	1	2	2	4	4
Tactical Trailers	3	2	2	2	2	2	3	3
Gamma Goat	7	6	14	12	3	3	1	1
CUCV	0	0	0	0	0	0	1	1
1/2 - 1 1/2-Ton Trucks	1	1	0	0	0	0	0	0
Other Tactical Vehicles	11	8	10	8	10	9	7	7
<u>Commercial</u>								
Van	3	2	4	3	4	4	6	6
Sedan/Station Wagon	2	2	4	3	0	0	2	2
Motorcycle/Moped	1	1	1	1	3	3	2	2
1/4 - 3/4-Ton Trucks	0	0	1	1	1	1	1	1
Over 2-Ton Trucks	2	2	2	2	2	2	1	1
Bus	3	2	2	2	1	1	1	1
Trailer	0	0	0	0	1	1	1	1
CJ5/6/7 (Commercial Jeep)	1	1	0	0	0	0	1	1
Truck Tractor	1	1	0	0	0	0	0	0
Contractor Vehicles	2	2	0	0	0	0	0	0
Snow Mobile	1	1	0	0	0	0	0	0
Other Commercial Vehicles	4	3	1	1	1	1	2	2
Total	125	100	116	100	105	100	107	100

*In multiple vehicle accidents, the primary vehicle is the one most at fault, e.g., through driver error or materiel failure.

Data as of 7 Jan 87.

The decreasing trend in Infantry branch battalion Army motor vehicle accidents was not linked to any particular vehicle over the four years. However, the trend in 1/4 ton truck accidents paralleled the overall Army motor vehicle accident trend. Decreases in 2 1/2 - ton truck accidents and M880/890 truck accidents in FY 84 which offset an increase in Gamma goat accidents; a decrease in Gamma goat accidents in FY 85; and a decrease in 2 1/2 - ton truck accidents in FY 86 which offset an increase in HMMWV accidents contributed to the decreasing trend.

INFANTRY BRANCH BATTALIONS
CLASS A-C GROUND ACCIDENTS (CURRENT CRITERIA)
ARMY COMBAT VEHICLE ACCIDENTS

PRIMARY VEHICLE*	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
M113 Carrier	21	46	30	45	45	49	36	42
Other Carrier	16	35	17	26	22	24	20	24
M2 & M3	3	6	10	15	17	18	13	15
M551 Sheridan	1	2	2	3	3	3	8	10
M60 Tank	1	2	2	3	3	3	1	1
VTR	4	9	4	6	2	2	1	1
SP Guns & Howitzers	0	0	0	0	0	0	1	1
M1 Tank	0	0	1	1	0	0	0	0
Other Tank	0	0	1	1	1	1	5	7
Unreported	0	0	0	0	0	0	1	1
Total	46	100	67	100	93	100	86	100

*In multiple vehicle accidents, the primary vehicle is the one most at fault, e.g., through driver error or materiel failure.

Data as of 7 Jan 87.

The increasing trend in combat vehicle accidents experienced by Infantry branch battalions resulted from increases in M113 Carrier accidents, Bradley Fighting Vehicle accidents, and accidents involving the Sheridan.

Infantry Branch Battalion UICs

WAJTAA	1/38	IN
WDPVAA	3/1	IN
WAQGAA	2/21	IN
WACAAA	3/187	IN
WG13AA	6/31	IN
WGK6AA	3/7	IN
WFB1AA	2/1	IN
WACMAA	1/501	IN
WAKKAA	1/22	IN
WH9ZAA	4/325	IN
WAJJAA	1/9	IN
WVX3AA	3/362	IN
WACQAA	2/502	IN
WALEAA	2/32	IN
WAQFAA	1/21	IN
WH9SAA	6/327	IN
WAP2AA	1/87	IN
WH9QAA	4/327	IN
WAQEAA	3/19	IN
WH83AA	4/502	IN
WAPWAA	1/39	IN
WH80AA	4/8	IN
WGM5AA	2/4	IN
WACPAA	1/502	IN
WAPSA	1/13	IN
WASMAA	4/23	IN
WAKLAA	2/22	IN
WABMAA	1/325	IN
WACGAA	1/327	IN
WABNAA	2325	IN
WAHRAA	1/16	IN
WAR7AA	4/41	IN
WALUAA	1/14	IN
WAKBAA	1/8	IN
WALVAA	2/14	IN

WAASAA	1/187	IN
WDRSAA	5/187	IN
WAJQAA	2/23	IN
WAC4AA	1/6	IN
WH22AA	6/502	IN
WAL8AA	1/27	IN
WC1MAA	4/17	IN
WAGNAA	2/7	IN
WHNKAA	3/14	IN
WAGLAA	1/5	IN
WAQYAA	2/34	IN
WAMAAA	1/35	IN
WG6UAA	2/187	IN
WACHAA	2/327	IN
WABSAA	1/504	IN
WAF4AA	1/54	IN
WDGEAA	2/47	IN
WAQCAA	1/19	IN
WDGHAA	2/60	IN
WFK4AA	5/21	IN
WABTAA	2/504	IN
WEHPAA	5/8	IN
WABVAA	2/505	IN
WFBWAA	4/31	IN
WAM4AA	2/30	IN
WFK3AA	4/21	IN
WAK8AA	1/17	IN
WAN4AA	1/61	IN
WALDAA	1/32	IN
WAE7AA	1/48	IN
WH9RAA	5/327	IN
WAE4AA	3/36	IN
WAKDAA	3/8	IN
WFBVAA	3/21	IN
WASTAA	2/6	IN
WANVAA	1/10	IN
WHPXAA	3/504	IN

WH5AAA	3/502	IN
WAKCAA	2/8	IN
WAE3AA	2/36	IN
WFTTAA	4/87	IN
WH4DAA	3/17	IN
WAROAA	1/58	IN
WAE2AA	1/36	IN
WDA6AA	3/9	IN
WEZEAA	4/6	IN
WG54AA	4/16	IN
WANEAA	2/2	IN
WDGFAA	3/47	IN
WEZKAA	3/41	IN
WABUAA	1/505	IN
WH3MAA	2/75	IN
WJBLAA	3/75	IN
WH3LAA	1/75	IN
WAP3AA	2/87	IN
WFBBA	4/187	IN
WASUAA	3/6	IN
WADDA	1/52	IN
WABPAA	3/325	IN
WAD1AA	2/41	IN
WJPPAA	1/23	IN
WAMUAA	1/4	IN
WG6VAA	3/327	IN
WAMWAA	1/7	IN
WDGJAA	3/60	IN
WA4FAA	5/20	IN
WALBAA	1/31	IN
WA4DAA	4/54	IN
WASFAA	4/9	IN
WA4AAA	1/3	IN
WHNLAA	3/27	IN
WAM1AA	1/15	IN
WABWAA	3/505	IN
WAM3AA	1/30	IN

WH21AA	5/502	IN
WAKFAA	1/12	IN
WAKJAA	2/9	IN
WADOAA	1/41	IN